

FIG. 1

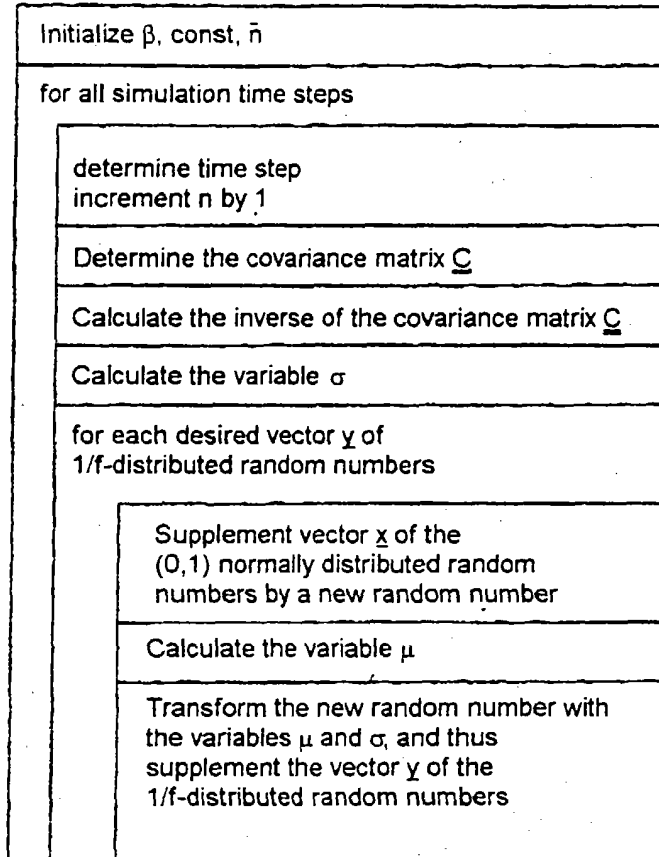


FIG. 2

3/5

$$\underline{c} = [0.70]$$

FIG. 3A

$$\underline{c}^{-1} = [1.41]$$

FIG. 3B

$$\sigma = 0.84$$

FIG. 3C

x-Vector No. 1: [-0.35]

x-Vector No. 2: [1.73]

x-Vector No. 3: [0.79]

FIG. 3D

μ for x-Vector No. 1: 0.00

μ for x-Vector No. 2: 0.00

μ for x-Vector No. 3: 0.00

FIG. 3E

y-Vector No. 1: [-0.30]

y-Vector No. 2: [1.45]

y-Vector No. 3: [0.66]

FIG. 3F

4/5

$$\underline{\underline{C}} = \begin{bmatrix} 0.70 & 0.17 \\ 0.17 & 0.25 \end{bmatrix}$$

FIG. 4A

$$\underline{\underline{W}} = \begin{bmatrix} 1.69 & -1.15 \\ -1.15 & 4.79 \end{bmatrix}$$

FIG. 4B

$$\sigma = 0.45$$

FIG. 4C

x-Vector No. 1: [-0.35, 0.39]

x-Vector No. 2: [1.73, 2.24]

x-Vector No. 3: [0.79, -0.46]

FIG. 4D

μ for x-Vector No. 1: -0.07

μ for x-Vector No. 2: 0.35

μ for x-Vector No. 3: 0.16

FIG. 4E

y-Vector No. 1: [-0.30, 0.10]

y-Vector No. 2: [1.45, 1.37]

y-Vector No. 3: [0.66, -0.05]

FIG. 4F

5/5

$$\underline{\underline{\Sigma}} = \begin{bmatrix} 0.70 & 0.17 & 0.22 \\ 0.17 & 0.25 & 0.17 \\ 0.22 & 0.17 & 0.70 \end{bmatrix}$$

FIG. 5A

$$\underline{\underline{\Sigma}}^{-1} = \begin{bmatrix} 1.75 & -0.98 & -0.31 \\ -0.98 & 5.34 & -0.98 \\ -0.31 & -0.98 & 1.75 \end{bmatrix}$$

FIG. 5B

$$\sigma = 0.75$$

FIG. 5C

x-Vector No. 1: [-0.35, 0.39, -0.90]
x-Vector No. 2: [1.73, 2.24, -0.26]
x-Vector No. 3: [0.79, -0.46, 0.53]

FIG. 5D

μ for x-Vector No. 1: 0.00
 μ for x-Vector No. 2: 1.03
 μ for x-Vector No. 3: 0.09

FIG. 5E

y-Vector No. 1: [-0.30, 0.10, -0.67]
y-Vector No. 2: [1.45, 1.37, 0.83]
y-Vector No. 3: [0.66, -0.05, 0.49]

FIG. 5F